

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102124AL\
 Data File : FG014471.D
 Signal(s) : FID1A.ch
 Acq On : 22 Oct 2024 00:58
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Oct 22 06:45:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 06:44:46 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.996	14096879	93.621 ug/ml
Spiked Amount 50.000		Recovery =	187.24%
12) S 1-chlorooctadecane (S...	13.431	11193276	94.567 ug/ml
Spiked Amount 50.000		Recovery =	189.13%
Target Compounds			
1) T n-Nonane (C9)	3.351	12005516	93.766 ug/ml
2) T n-Decane (C10)	4.605	12211237	93.700 ug/ml
3) T A~Naphthalene (C11.7)	6.313	13297129	93.734 ug/ml
4) T n-Dodecane (C12)	6.778	12299994	93.616 ug/ml
5) T A~2-methylnaphthalene...	7.413	12932503	93.719 ug/ml
6) T n-Tetradecane (C14)	8.611	12259486	93.490 ug/ml
7) T n-Hexadecane (C16)	10.225	12774572	93.428 ug/ml
8) T n-Octadecane (C18)	11.674	13078731	93.711 ug/ml
10) T n-Eicosane (C20)	12.985	12806004	94.178 ug/ml
11) T n-Heneicosane (C21)	13.599	12714088	94.427 ug/ml
13) T n-Docosane (C22)	14.186	12763388	94.706 ug/ml
14) T n-Tetracosane (C24)	15.291	12859298	94.817 ug/ml
15) T n-Hexacosane (C26)	16.312	12678164	94.500 ug/ml
16) T n-Octacosane (C28)	17.262	12314896	94.073 ug/ml
17) T n-Tricontane (C30)	18.150	12163745	92.632 ug/ml
18) T n-Dotriacontane (C32)	18.982	11357092	91.568 ug/ml
19) T n-Tetratriacontane (C34)	19.765	9726912	91.237 ug/ml
20) T n-Hexatriacontane (C36)	20.503	8179229	91.517 ug/ml
21) T n-Octatriacontane (C38)	21.258	7421499	92.136 ug/ml
22) T n-Tetracontane (C40)	22.208	6889345	93.435 ug/ml

(f)=RT Delta > 1/2 Window

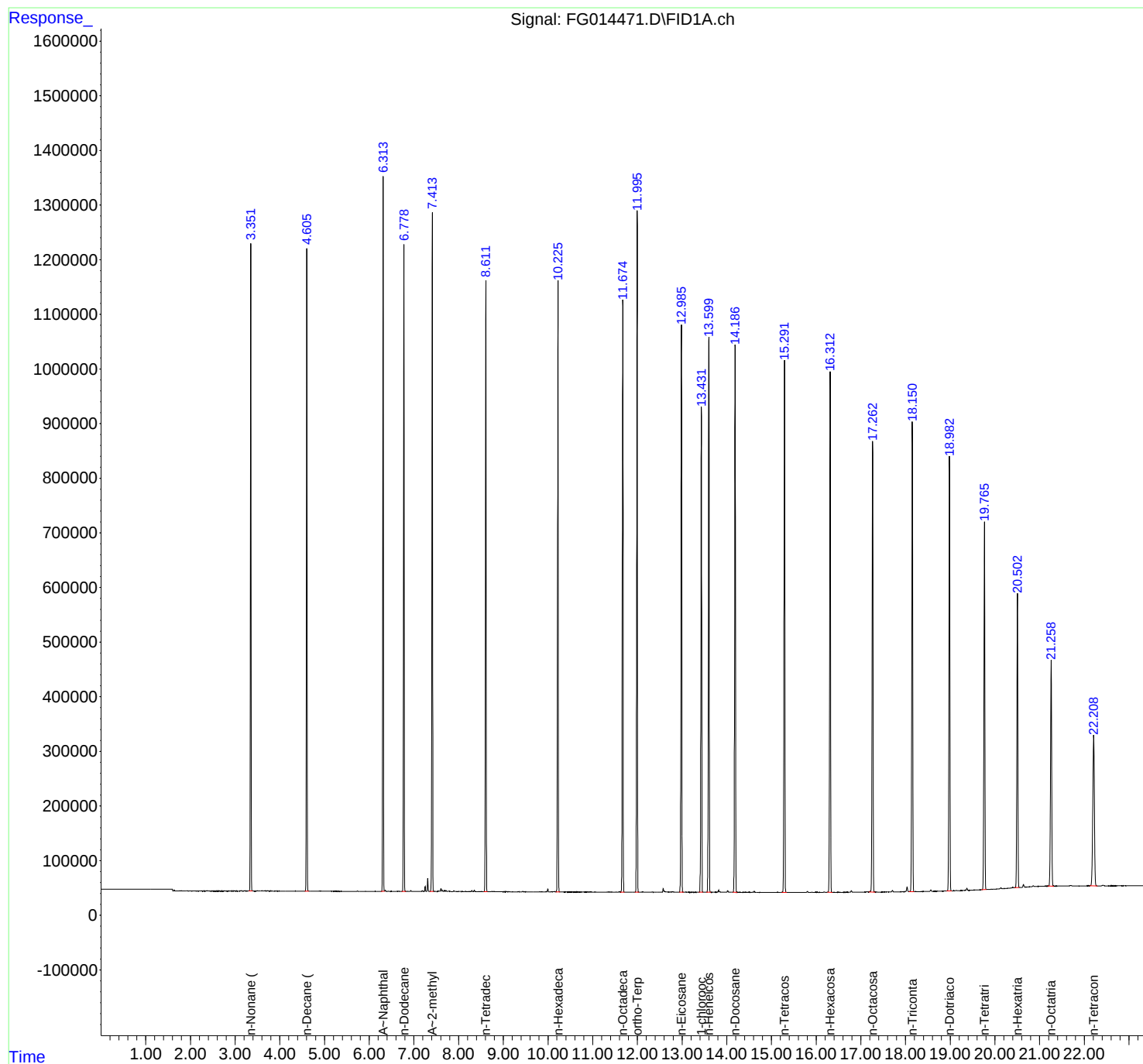
(m)=manual int.

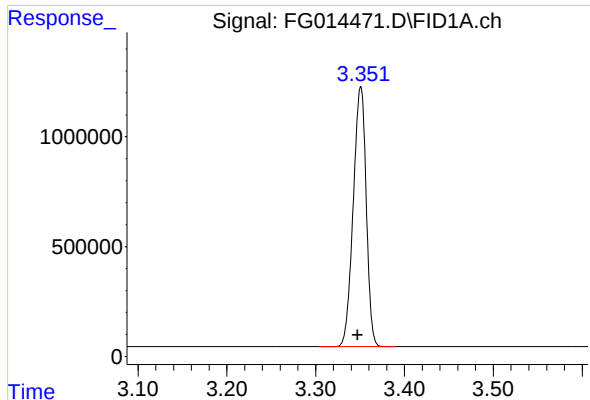
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102124AL\
Data File : FG014471.D
Signal(s) : FID1A.ch
Acq On : 22 Oct 2024 00:58
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Oct 22 06:45:59 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102124.M
Quant Title : GC Extractables
QLast Update : Tue Oct 22 06:44:46 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

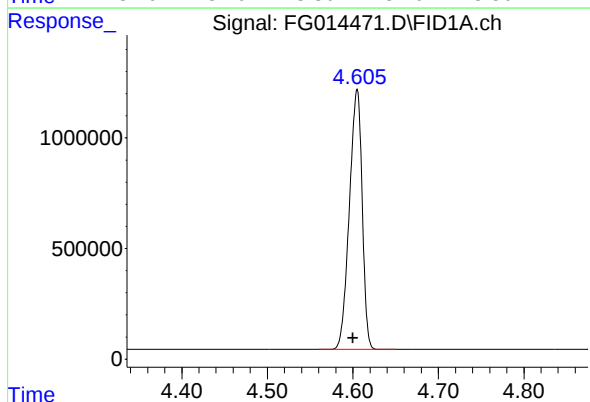




#1 n-Nonane (C9)

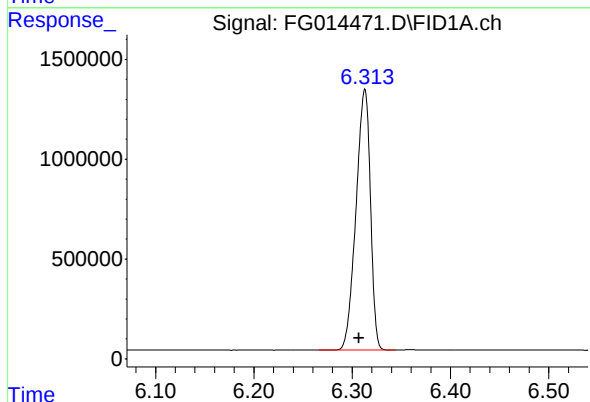
R.T.: 3.351 min
Delta R.T.: 0.004 min
Response: 12005516
Conc: 93.77 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



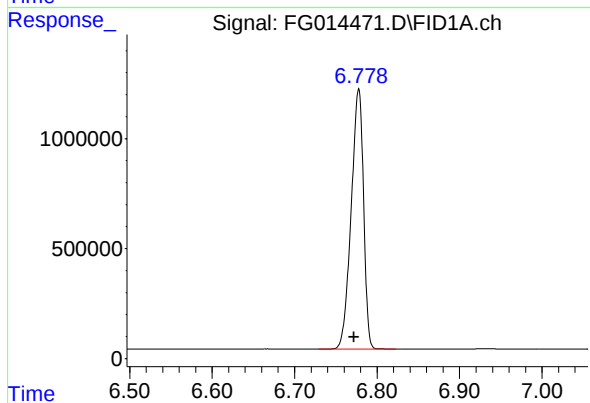
#2 n-Decane (C10)

R.T.: 4.605 min
Delta R.T.: 0.005 min
Response: 12211237
Conc: 93.70 ug/ml



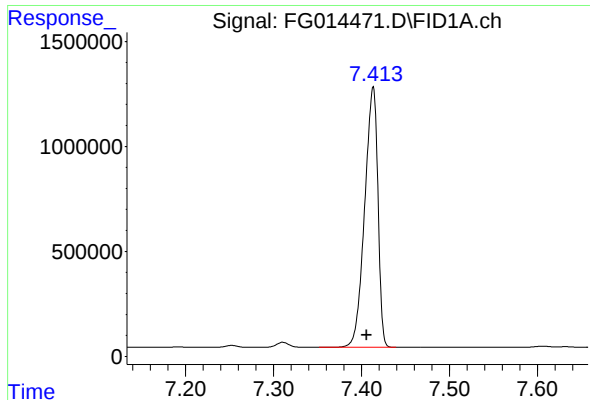
#3 A~Naphthalene (C11.7)

R.T.: 6.313 min
Delta R.T.: 0.006 min
Response: 13297129
Conc: 93.73 ug/ml



#4 n-Dodecane (C12)

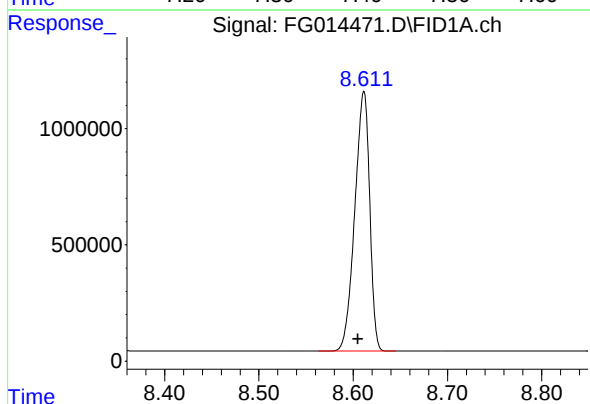
R.T.: 6.778 min
Delta R.T.: 0.006 min
Response: 12299994
Conc: 93.62 ug/ml



#5 A~2-methylnaphthalene (C12.89)

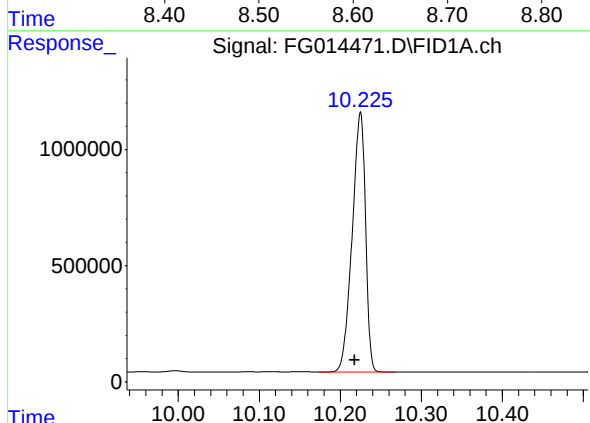
R.T.: 7.413 min
Delta R.T.: 0.007 min
Response: 12932503
Conc: 93.72 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



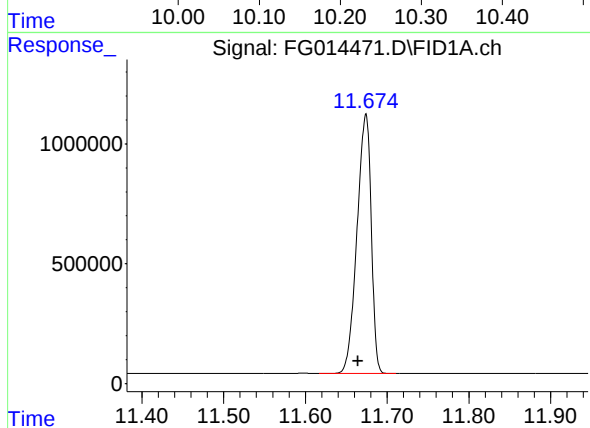
#6 n-Tetradecane (C14)

R.T.: 8.611 min
Delta R.T.: 0.006 min
Response: 12259486
Conc: 93.49 ug/ml



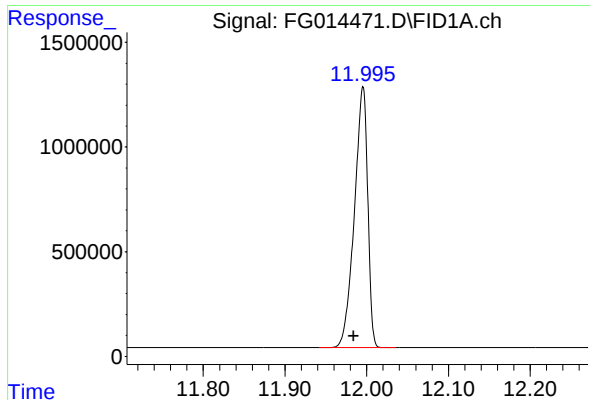
#7 n-Hexadecane (C16)

R.T.: 10.225 min
Delta R.T.: 0.007 min
Response: 12774572
Conc: 93.43 ug/ml



#8 n-Octadecane (C18)

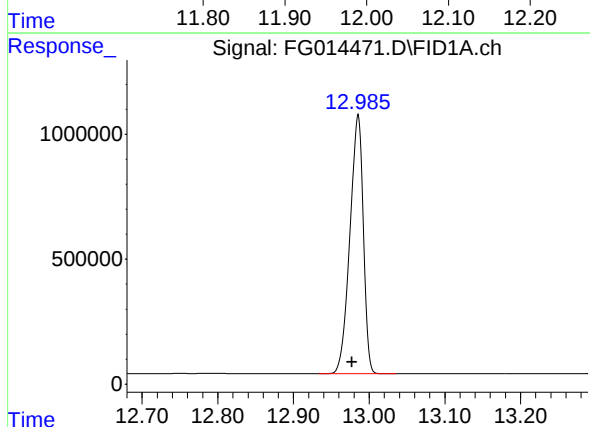
R.T.: 11.674 min
Delta R.T.: 0.010 min
Response: 13078731
Conc: 93.71 ug/ml



#9 ortho-Terphenyl (SURR)

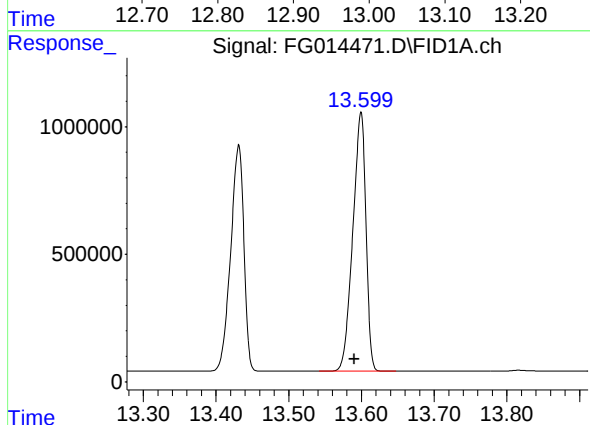
R.T.: 11.996 min
Delta R.T.: 0.011 min
Response: 14096879
Conc: 93.62 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



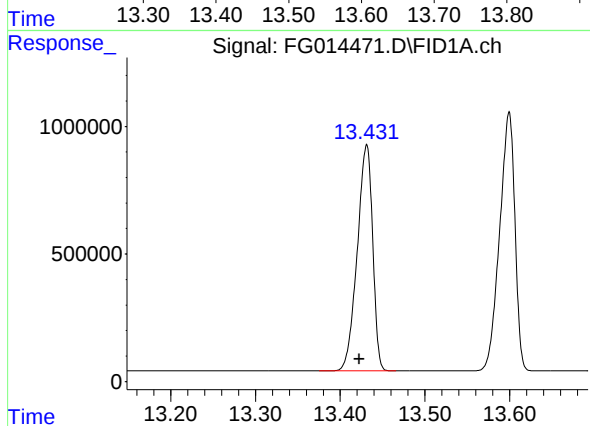
#10 n-Eicosane (C20)

R.T.: 12.985 min
Delta R.T.: 0.008 min
Response: 12806004
Conc: 94.18 ug/ml



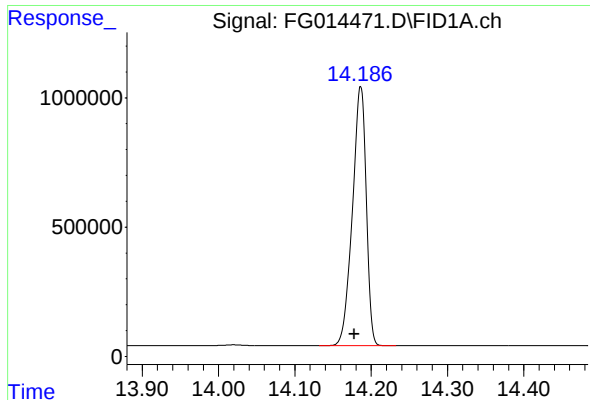
#11 n-Heneicosane (C21)

R.T.: 13.599 min
Delta R.T.: 0.009 min
Response: 12714088
Conc: 94.43 ug/ml



#12 1-chlorooctadecane (SURR)

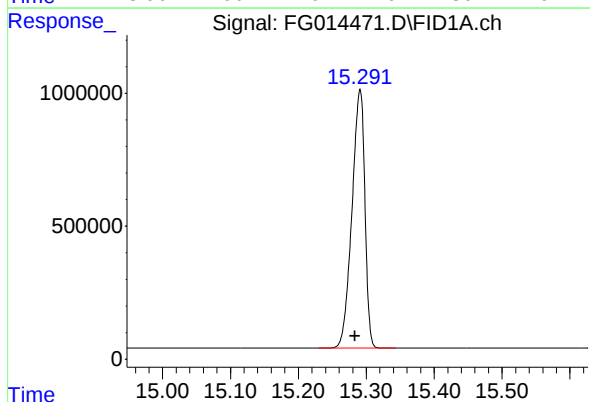
R.T.: 13.431 min
Delta R.T.: 0.009 min
Response: 11193276
Conc: 94.57 ug/ml



#13 n-Docosane (C22)

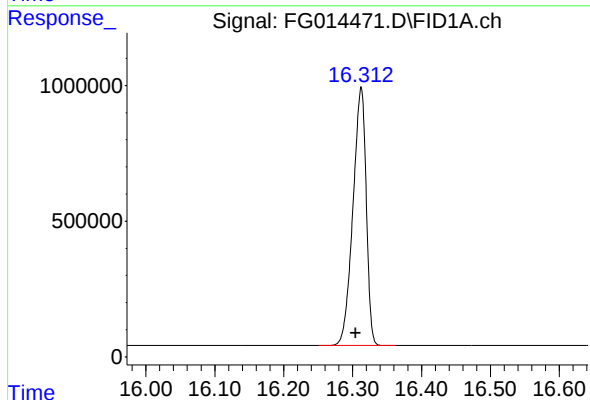
R.T.: 14.186 min
Delta R.T.: 0.008 min
Response: 12763388
Conc: 94.71 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



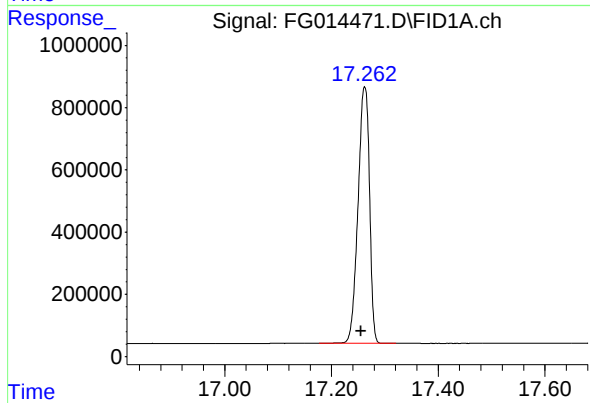
#14 n-Tetracosane (C24)

R.T.: 15.291 min
Delta R.T.: 0.008 min
Response: 12859298
Conc: 94.82 ug/ml



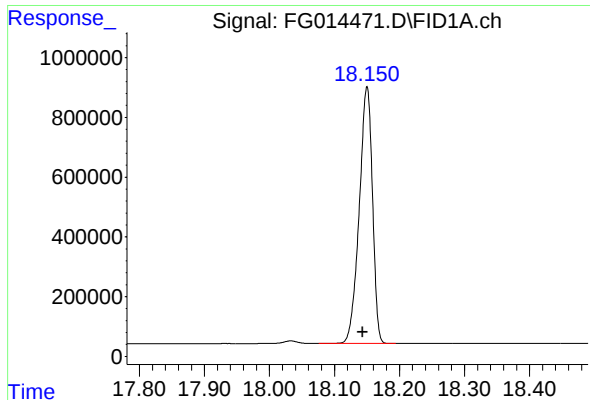
#15 n-Hexacosane (C26)

R.T.: 16.312 min
Delta R.T.: 0.008 min
Response: 12678164
Conc: 94.50 ug/ml



#16 n-Octacosane (C28)

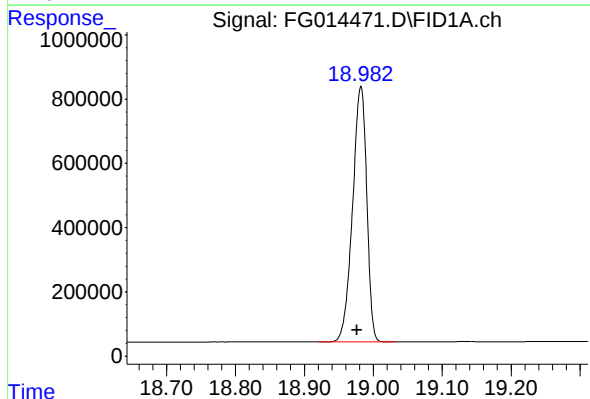
R.T.: 17.262 min
Delta R.T.: 0.007 min
Response: 12314896
Conc: 94.07 ug/ml



#17 n-Tricontane (C30)

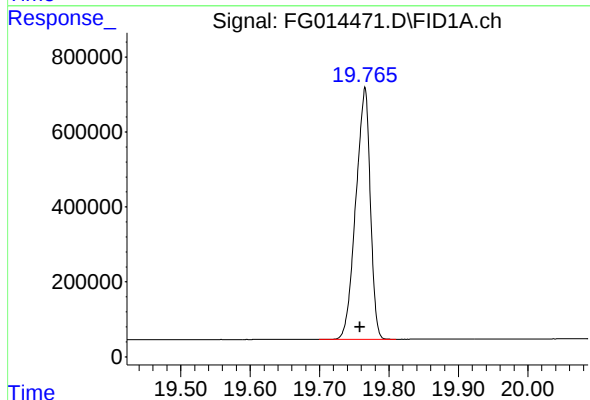
R.T.: 18.150 min
Delta R.T.: 0.007 min
Response: 12163745
Conc: 92.63 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



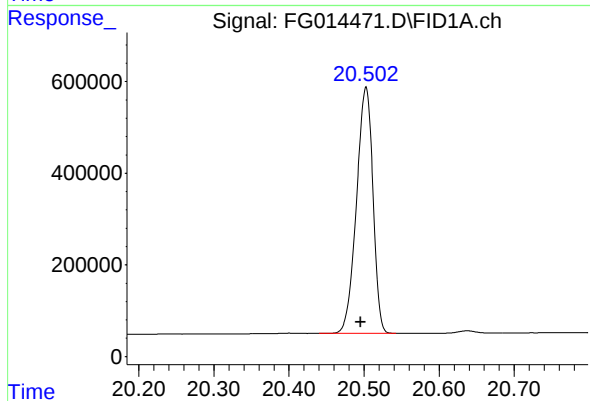
#18 n-Dotriacontane (C32)

R.T.: 18.982 min
Delta R.T.: 0.006 min
Response: 11357092
Conc: 91.57 ug/ml



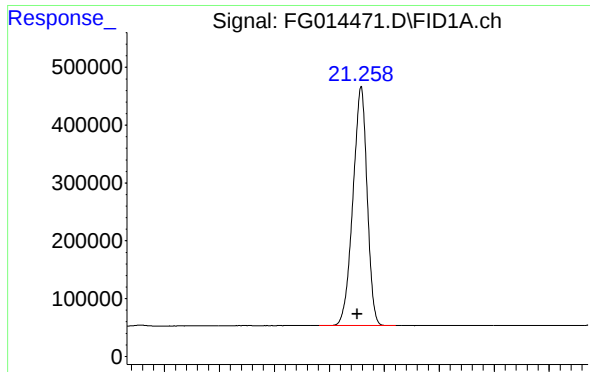
#19 n-Tetratriacontane (C34)

R.T.: 19.765 min
Delta R.T.: 0.007 min
Response: 9726912
Conc: 91.24 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.503 min
Delta R.T.: 0.007 min
Response: 8179229
Conc: 91.52 ug/ml



#21 n-Octatriacontane (C38)

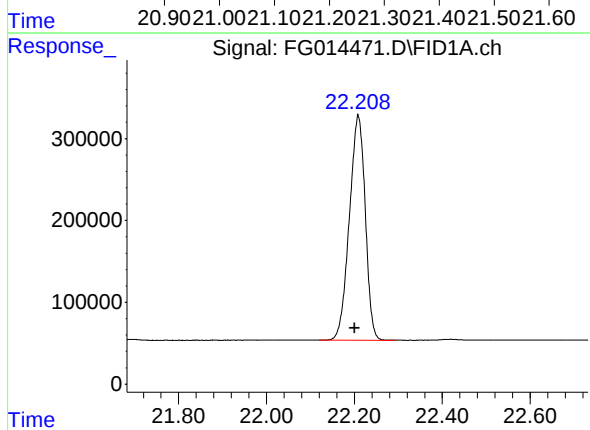
R.T.: 21.258 min
Delta R.T.: 0.007 min
Response: 7421499
Conc: 92.14 ug/ml

Instrument :

FID_G

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.208 min
Delta R.T.: 0.008 min
Response: 6889345
Conc: 93.44 ug/ml